

## PATENT ABSTRACTS OF JAPAN

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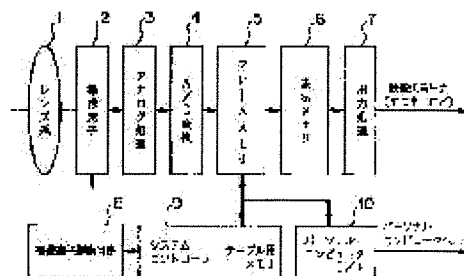
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### (54) PICTURE ELEMENT DEFECT CORRECTING DEVICE

#### (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a picture element defect correcting device in which the efficiency of picture element defect correction processing can be improved by increasing the speed of the discrimination processing of a normal picture element to be substituted.

**SOLUTION:** A frame memory 5 which fetches a picture element signal from an image pickup element 2 as picture data through an analog processing circuit 3 and an A/D converter 4, and a system controller 9 which holds the defective picture element coordinate data in a horizontal direction and a vertical direction of the image pickup element 2 and the position data of the normal picture element to be substituted for the defective picture element as a defective picture element coordinate data table in a table memory, and executes picture element defect correction to substitute the picture element data of the normal picture element for the picture element data of the defective picture element to the picture data fetched in the frame memory 5 on the basis of the defective picture element coordinate data of the defective picture element coordinate data table and the position data of the normal picture element to be substituted are provided, and the picture data given the picture element defect correction processing by this system controller 9 is outputted as the normal picture data from the frame memory 5.



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